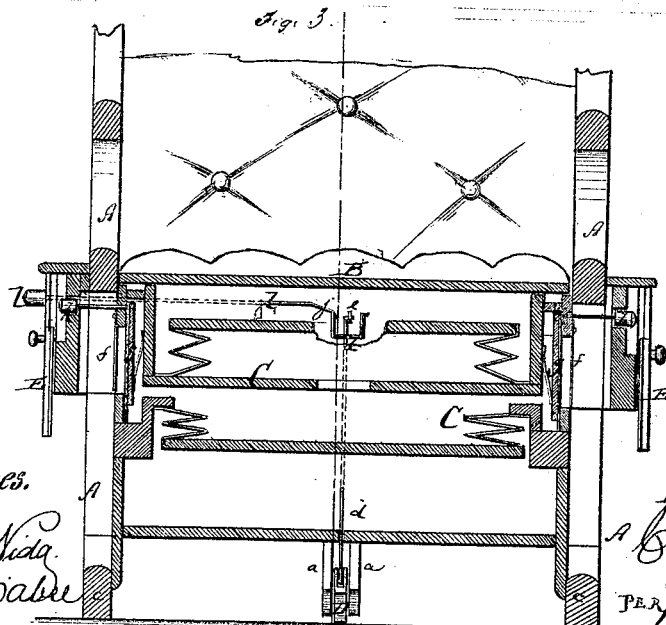
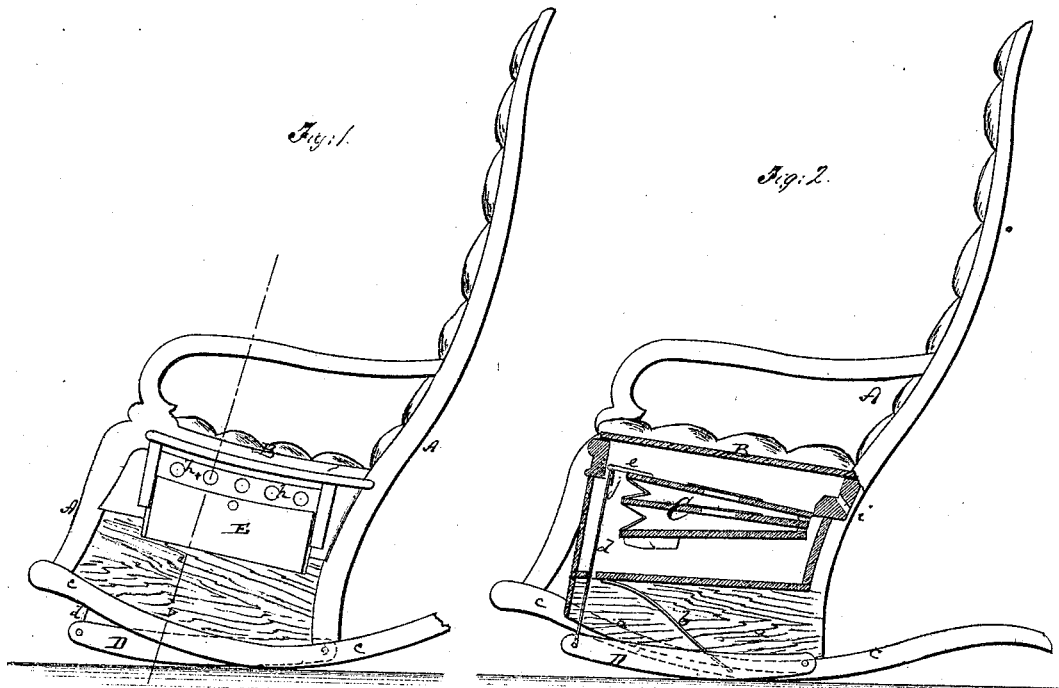


C. Demm,

Rocking Chair.

No. 106,790.

Patented Aug. 30. 1870.



Witnesses.

Chas. Nida
L. S. Moab

Inventor:

C. Demm
PER Munn & Co

Attorneys.

UNITED STATES PATENT OFFICE.

CLAYTON DENN, OF FRANKFORD, PHILADELPHIA, PENNSYLVANIA.

MUSICAL ROCKING-CHAIR.

Specification forming part of Letters Patent No. **106,790**, dated August 30, 1870.

To all whom it may concern:

Be it known that I, CLAYTON DENN, of Frankford, Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Musical Rocking-Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 represents a side elevation of my improved rocking-chair. Fig. 2 is a longitudinal section of the same. Fig. 3 is a vertical transverse section, on an enlarged scale, of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object so to construct a rocking-chair that its motion may be utilized for working a bellows and producing music.

The invention consists in the application to a rocking-chair of the bellows and of machinery for automatically operating the same during the motion of the chair.

The invention consists, also, in the combination therewith of the keys on the sides of the chair, and of stops for throwing the bellows out of gear or into action.

A in the drawings represents the frame of a rocking-chair of suitable construction. B is the seat of the same. C is a bellows arranged under the seat and secured firmly to the frame of the chair. By two parallel downward-projecting ribs, *a a*, or bars at the bottom of the chair is formed a sheath for the reception of the lever D, which is pivoted at the rear end and curved at the lower edge. A spring, *b*, serves to throw and hold the lever D down upon the floor, so that its front end is lower than the rockers *e*. The rocking of the chair

will thus cause the said lever to oscillate on its pivot. The front end of the lever D is, by means of a rod, *d*, connected with the front end of an arm, *e*, projecting from the top of the bellows. By rocking the chair the lever is oscillated and the bellows worked.

In the sides of the chair are arranged the reeds *f f*, covered by valves *g*, that can be controlled by means of knobs *h*. Whenever a reed is opened the air will, by the action of the bellows, be drawn through the same into the bellows and discharged through an opening in the back or lower part of the chair. A wedge-shaped or inclined stop, *j*, connected with a slide or rod, *l*, will, when pushed under the arm *e*, arrest the motion of the bellows and lock the lever D in its elevated position.

It is evident that in place of drawing the air from the reeds into the bellows the reverse action may take place, that the knobs or keys *h* may be arranged at suitable distances apart, and that, in fact, the details of construction may be varied at will.

Gates E E may be provided on the sides of the chair, to be drawn over the keys when the same are not to be used.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of the bellows C, lever D, and reeds *f f* with a rocking-chair, substantially as described.
2. The keys or knobs *h*, arranged on the sides of a rocking-chair for operating the reeds of a musical instrument, as set forth.
3. The slide *l*, applied to the rocking-chair for the purpose of arresting the motion of the bellows, substantially as herein shown and described.

CLAYTON DENN.

Witnesses:

J. H. COMLY,
FRED F. FRIES.